

# Iowa Crops & Weather

USDA – National Agricultural Statistical Service  
Iowa Field Office



210 Walnut, Room 833 • Des Moines, Iowa 50309-2195  
515-284-4340 • 1-800-772-0825 • FAX 515-284-4342 • [nass-ia@nass.usda.gov](mailto:nass-ia@nass.usda.gov)

To access NASS reports - <http://www.usda.gov/nass/>



Issued July 18, 2005

Vol. 05-20

For the week ending July 17, 2005

## Hot and Mostly Dry

The blast of hot air that Iowa received over the past week accelerated crop development. However, it also caused an overall deterioration in reported crop conditions. Measurable precipitation is high on nearly every farmer's wish list. Spraying for aphids in soybeans was reported in several areas. The presence of Bean Leaf Beetles was also reported.

There were 6.8 **days suitable** for fieldwork, compared to 6.1 days the previous week and 4.7 days last year at this time. Although some rainfall arrived in the State late Sunday night and early Monday morning, a continued deterioration of moisture levels was reported. **Topsoil moisture** rated 32 percent very short, 38 percent short, 29 percent adequate, and 1 percent surplus across Iowa. **Subsoil moisture** rated 17 percent very short, 33 percent short, 48 percent adequate, and 2 percent surplus.

Field Crops Report: **Corn condition** was rated 2 percent very poor, 7 percent poor, 25 percent fair, 49 percent good, and 17 percent excellent. Average corn height was reported at 74 inches, up 11 inches from a week ago. **Corn tasseled** reached 61 percent, up 42 percentage points from a week ago and ahead of last year's 52 percent. **Corn silked** was rated at 37 percent complete, slightly ahead of last year's progress of 34 percent and the 5-year average of 32 percent. **Soybean acreage** blooming reached 74 percent, remaining ahead of last year and the 5-year average. **Soybeans setting pods** was at 19 percent. **Soybean condition** was rated 2 percent very poor, 6 percent poor, 25 percent fair, 51 percent good, and 16 percent excellent. The **oat acreage turning color** was 98 percent. **Oats harvested for grain** reached 36 percent, well of last year and the 5-year average. **Oat condition** was rated 6 percent poor, 26 percent fair, 57 percent good, and 11 percent excellent. The **second cutting of alfalfa** was 80 percent complete. **Hay condition** was 3 percent very poor, 13 percent poor, 36 percent fair, 42 percent good, and 6 percent excellent.

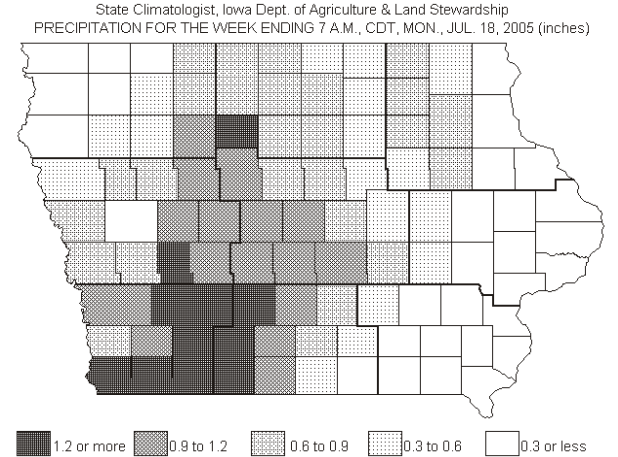
Livestock, Pasture, and Range Report: Although most livestock was reported to be in good condition; reports of stress in both cattle and hogs were received. Problems with flies are occurring in some areas. **Pasture and range condition** was rated 7 percent very poor, 24 percent poor, 41 percent fair, 26 percent good, and 2 percent excellent. This is a continued deterioration from levels seen the previous week.

## Iowa Weather Summary

Hot and dry weather prevailed across Iowa for most of the past week. The work week began with temperatures averaging two degrees warmer than normal on Monday (11th) with readings warming about one degree per day through Sunday (17th). A cold front finally pushed through the state Sunday night and early Monday (18th) to bring a brief respite to the hot weather. Temperature extremes for the week ranged from morning lows of 56 degrees at Cresco on Tuesday (12th) and Sibley on Monday (18th) to a high of 99 degrees at Clinton Airport on Sunday (17th) afternoon. Temperatures for the week as a whole averaged 4.5 degrees above normal.

The remnants of Hurricane Dennis barely brushed extreme southeast Iowa on Tuesday (12th) with De Witt reporting the most rain with only 0.23 inches. Showers developed nearly every afternoon somewhere in the state during the week but coverage was extremely small. The passage of the cold front on Sunday (17th) night finally brought widespread thunderstorm activity. Greatest rains fell in the southwest with 3.65 inches at Clarinda and 2.51 inches at Bedford. Unfortunately, these storms dissipated as they moved eastward and left the parched southeast one-third of Iowa completely dry. Some southeast Iowa locations, such as Maquoketa and Washington, have received no rain in two weeks. The statewide average precipitation was 0.65 inches while normal for the week is 0.95 inches.

Statewide Crop Conditions as of July 17, 2005					
Item	Very Poor	Poor	Fair	Good	Excellent
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Corn	2	7	25	49	17
Hay, all	3	13	36	42	6
Oats	0	6	26	57	11
Range & Pasture	7	24	41	26	2
Soybeans	2	6	25	51	16



Field Work and Crop Progress as of July 17, 2005													
Item	Districts									State	Last Week	Last Year	Normal
	NW	NC	NE	WC	C	EC	SW	SC	SE				
	<i>Inches</i>	<i>Inches</i>	<i>Inches</i>	<i>Inches</i>	<i>Inches</i>	<i>Inches</i>	<i>Inches</i>	<i>Inches</i>	<i>Inches</i>				
Corn, average tallest height	90	82	85	88	88	84	91	89	86	87	76	85	76
Corn, average height	79	68	69	73	78	70	80	74	74	74	63	72	63
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Corn tasseled	56	36	34	70	74	57	88	78	83	61	19	52	49
Corn silked	27	16	14	48	51	34	69	55	53	37	7	34	32
Soybeans blooming	81	80	79	66	79	64	74	58	66	74	48	66	64
Soybeans setting pods	16	18	19	15	31	17	27	16	10	19	5	17	15
Oats harvested for grain	27	11	24	31	46	49	51	42	63	36	7	9	18
Hay, alfalfa - second crop harvested	78	81	77	78	82	80	81	77	90	80	63	57	58

Days Suitable & Soil Moisture Condition as of July 17, 2005												
Item	Districts									State	Last Week	Last Year
	NW	NC	NE	WC	C	EC	SW	SC	SE			
	<i>Days</i>	<i>Days</i>	<i>Days</i>	<i>Days</i>	<i>Days</i>	<i>Days</i>	<i>Days</i>	<i>Days</i>	<i>Days</i>			
Days suitable	6.7	6.9	6.9	6.7	6.9	6.9	6.8	6.9	7.0	6.8	6.1	4.7
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Topsoil moisture												
Very short	13	15	34	29	17	58	32	42	60	32	12	0
Short	28	38	44	31	48	33	38	47	33	38	27	5
Adequate	56	45	22	40	33	8	30	10	7	29	57	81
Surplus	3	2	0	0	2	1	0	1	0	1	4	14
Subsoil moisture												
Very short	4	6	36	9	7	29	11	21	37	17	7	0
Short	19	21	35	31	27	48	33	52	42	33	22	5
Adequate	74	70	27	60	62	23	55	27	21	48	64	83
Surplus	3	3	2	0	4	0	1	0	0	2	7	12

Weather Summary For Iowa Agricultural Statistics Service Prepared by AWIS, Inc. For the week ending: Sunday, July 17, 2005										
STATION	CURRENT WEEK						SINCE APRIL 1		CURRENT WEEK	
	TEMPERATURE				PRECIPITATION		PRECIPITATION		GDD BASE 50F	
	HI	LO	AVG	DFN	TOTAL	DFN	TOTAL	DFN	TOTAL	DFN
Estherville Sioux Center Spencer Spirit Lake	North West District									
	91	65	78	6	0.03	-0.74	10.13	-2.01	193	39
	93	63	78	5	0.02	-0.77	11.94	-0.44	200	32
	94	64	79	7	0.00	-0.98	12.42	-0.01	206	45
	92	68	79	8	0.06	-0.78	13.15	1.13	209	30
Britt Humboldt Mason City Northwood	North Central District									
	91	62	78	6	0.00	-1.00	16.61	3.07	200	38
	90	65	78	4	0.00	-0.98	16.64	2.83	196	28
	93	56	77	5	0.00	-0.98	17.68	3.70	191	31
	92	61	78	5	0.06	-0.86	18.13	4.99	196	35
Decorah Dubuque Elkader Independence Waterloo	North East District									
	94	59	77	5	0.00	-0.91	11.40	-2.36	193	32
	91	60	77	5	0.00	-0.90	8.27	-6.04	192	37
	92	54	75	4	0.00	-0.95	10.43	-2.85	178	-6
	93	58	77	6	0.00	-1.05	14.89	0.56	188	6
	92	59	78	5	0.00	-1.12	14.16	-0.41	194	32
	West Central District									
	90	62	76	0	0.00	-0.91	13.97	-0.14	180	0
	94	64	79	5	0.00	-0.99	11.14	-3.91	203	35
	92	65	78	4	0.00	-0.72	15.29	2.02	197	36
	94	60	76	2	0.00	-0.81	19.93	5.52	187	13
	90	65	77	3	0.00	-0.85	12.68	-1.35	193	25
	94	63	79	5	0.00	-0.99	10.17	-4.88	203	35
	93	64	79	4	0.00	-0.80	13.95	0.16	206	24
	91	64	77	3	0.00	-0.98	14.72	0.88	190	15
	96	64	80	5	0.00	-0.76	11.70	0.11	213	31
	Central District									
	92	57	76	4	0.00	-1.05	12.34	-2.86	187	22
	93	58	77	4	0.00	-0.85	10.29	-4.96	194	26
	94	66	81	5	0.20	-0.64	15.55	1.97	217	28
	94	63	78	5	0.00	-1.04	15.33	0.59	199	31
	91	59	77	4	0.00	-0.96	13.39	-0.97	188	22
	95	63	77	3	0.00	-0.84	15.19	1.06	192	17
	93	60	78	4	0.00	-0.84	14.59	0.28	196	28
	92	62	76	4	0.00	-0.98	12.68	-1.95	185	22
	East Central District									
	91	60	77	4	0.02	-0.89	11.38	-2.39	193	22
	93	57	77	2	0.12	-0.74	4.38	-9.07	191	12
	96	59	80	5	0.00	-1.12	8.30	-6.69	213	28
	93	59	77	4	0.11	-0.88	8.04	-7.14	193	25
	94	56	76	3	0.00	-0.79	5.56	-8.12	183	22
	95	60	78	3	0.00	-1.01	8.76	-5.53	195	38
	South West District									
	92	62	77	1	0.00	-1.12	16.20	0.85	189	7
	94	61	79	3	0.00	-0.85	14.23	-0.31	206	24
	92	65	79	5	0.07	-0.83	13.69	-0.29	201	28
	93	65	80	3	0.00	-0.98	12.36	-3.26	208	19
	94	68	79	3	0.04	-1.08	13.89	-0.36	205	16
	South Central District									
	92	64	77	2	0.00	-1.05	12.93	-1.40	192	45
	92	64	78	4	0.00	-0.98	13.38	-0.68	197	22
	95	58	76	2	0.00	-1.03	12.98	-2.00	187	12
	94	63	78	4	0.04	-0.85	15.06	0.51	199	24
	95	60	77	2	0.00	-0.91	9.96	-4.59	190	9
	South East District									
	96	63	79	3	0.00	-1.05	12.67	-1.67	202	20
	94	65	80	4	0.10	-0.88	8.62	-5.10	209	27
	93	61	78	2	0.00	-1.05	9.72	-3.80	200	12

Precipitation (rain, melted snow or ice) in inches. Precipitation Days = Days with precipitation of 0.01 inch or more. Air Temperatures in Degrees Fahrenheit. Copyright 2005: AWIS, Inc. All Rights Reserved.